

Bayer CropScience



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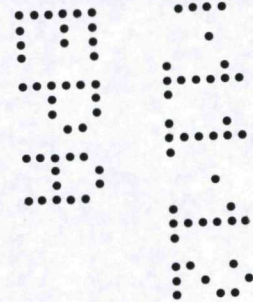
Bayer CropScience
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ATTN: Ms. Kimberly Nesci,
Mail Code: 7505P
EPA/Registration Division

Mr. Thomas Moriarty
Mail Code: 7508P
EPA/Pesticide Re-Evaluation Division

Mr. Thomas Steeger
Mail Code: 7507P
EPA/Environmental Effects & Fate Division

October 10th, 2012



Subject: Investigation of an April, 2012, Bee Mortality Incidents near Manchester, Indiana, Hypothesized to be Associated with the Planting of Insecticide-treated Maize Seed – Report from Bayer CropScience

Dear Ms. Nesci, Mr. Moriarty, and Mr. Steeger:

In mid-April, 2012, Bayer CropScience became aware that a commercial beekeeper, Mr. David Shenefield, had observed elevated bee mortality at several of his apiary sites near Manchester, Indiana that had coincided with the spring planting of corn. Bayer's Mr. Mark O'Rourke met with Mr. Shenefield on April 20th for a preliminary tour of the area where the incidents occurred. A more thorough investigation was then conducted April 23 – 25 by Mr. O'Rourke and Mr. Dick Rogers.

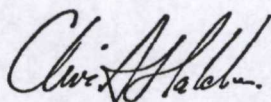
The Office of the Indiana State Chemist (OISC) had also been notified of the incident on April 19th, and they had conducted an independent investigation on April 20th, 2012.

Samples of a number of bee matrices, including material from planter hoppers and plant samples from neighboring corn fields, were collected. The bee matrix samples were submitted to two different laboratories for analysis of pesticide residues. Bee samples

were also analyzed for viruses and pathogens. This report records Bayer CropScience's investigation and results of these specific incidents.

If you have any questions relating to the enclosed report, please do not hesitate to e-mail me at clive.halder@bayer.com, or phone me at 919-549-2824.

Yours Sincerely,



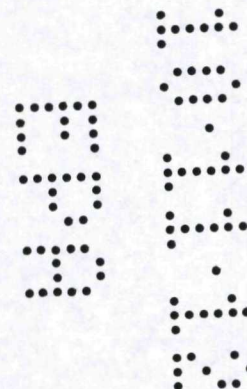
Clive A. Halder, Ph.D.
Director – Registrations

Copy (cover letter only)

Donald Brady, EPA/OPP/EFED
Anita Pease, EPA/OPP/EFED
Roy Lidstone, BCS-Canada
Robyn Kneen, BCS-US
Iain Kelly, BCS-US
David Fischer, BCS-US
Jamin Huang, BCS-US
Annette Schuermann, BCS-AG
Christian Maus, BCS-AG

Attachment:

Study Transmittal Listing



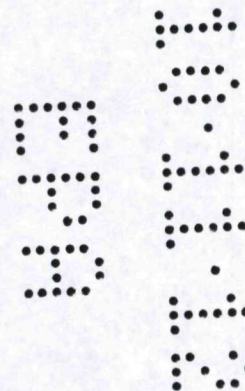
TRANSMITTAL DOCUMENT

Neonicotinoids

**Indiana Spring 2012 Investigation of Bee Kills in Relation to Alleged Pesticide
Exposure and Planting of Treated Corn Seed**

Transmittal Date

October 10th, 2012



Handwritten signature of Clive A. Halder.

Company Official:

Company Name:

Bayer CropScience (264)

Company Contact:

Clive A. Halder

Company Telephone:

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Study No.	Study	Guideline No.	EPA MRID No.
850 Ecological Effects			
850.SUPP Report of Bee Kill Incident			
1	Dick Rogers, Mark O'Rourke, Allen Olmstead and David L. Fischer, Indiana Spring 2012 Investigation of Bee Kills in Relation to Alleged Pesticide Exposure and Planting of Treated Corn Seed, , unpublished report, October 10th, 2012, 20 pp.	850.SUPP	48966501

